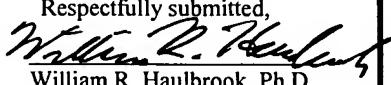




Express Mail Mailing Label No.: EV 334229382 US

UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	Attorney Docket No.	MFL-003
	First Named Inventor	Yu
	Title	APPARATUS AND METHODS FOR PERFORMING PROCESS SIMULATION USING A HYBRID MODEL

APPLICATION ELEMENTS		ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (with copy)</p> <p>2. <input checked="" type="checkbox"/> Small Entity Status <input checked="" type="checkbox"/> Applicant claims small entity status <input type="checkbox"/> Status established in prior application and is still proper and desired</p> <p>3. <input checked="" type="checkbox"/> Specification and Drawings [Total Pages 83] - Written Description - (55 pages) - Claims - (11 pages) - Abstract - (1 page) - Sheets of Drawings - (16 sheets) <input checked="" type="checkbox"/> Formal <input type="checkbox"/> Informal</p> <p>4. <input type="checkbox"/> Oath or Declaration [Total Pages] a. <input type="checkbox"/> Newly executed (original) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i> <i>[Note Box 5 below]</i></p> <p>5. <input type="checkbox"/> Incorporation by Reference (usable if Box 4b is checked) The entire Disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet (2 pgs.)</p> <p>7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <input type="checkbox"/> Computer Readable Form (CRF) <input type="checkbox"/> Paper Copy (identical to computer copy) <input type="checkbox"/> CD (2 copies) (identical to computer copy) <input type="checkbox"/> Statement verifying identity of above copies</p>		ACCOMPANYING APPLICATION PARTS
<p>8. <input type="checkbox"/> 37 CFR 3.73(b) Statement (<i>when there is an assignee</i>) <input type="checkbox"/> Power of Attorney</p> <p>9. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)</p> <p>10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>11. <input type="checkbox"/> Preliminary Amendment <input type="checkbox"/> Drawings [Total Sheets]</p> <p>12. <input checked="" type="checkbox"/> Return Receipt Postcard (<i>specifically itemized</i>)</p> <p>13. <input type="checkbox"/> Certified Copy of Priority Document(s) (<i>if foreign priority claimed</i>)</p> <p>14. <input type="checkbox"/> Nonpublication Request Under 35 U.S.C. 122(b)</p> <p>15. <input type="checkbox"/> CD in duplicate for large table or computer program</p> <p>16. <input checked="" type="checkbox"/> Other: <ul style="list-style-type: none"> • Petition For Use of Color Drawings as Formal Drawings Under 37 C.F.R. § 1.84(a)(2) (2 pgs.) • 3 sets of color drawings (6 sheets) • one set of black and white photocopies of color drawings (2 sheets) </p>		
<p>17. <input type="checkbox"/> If a CONTINUING APPLICATION: Amend the specification by inserting on page 1, before the first line, the sentence: --This is a <input type="checkbox"/> continuation <input type="checkbox"/> divisional <input type="checkbox"/> continuation-in-part of prior application Serial No. / , filed on , , the entire disclosure of which is incorporated by reference herein.--</p> <p style="text-align: center;">Priority to the above application(s) is claimed under 35 U.S.C. 120.</p> <p>Prior application information: Examiner: _____ Group/Art Unit: _____</p> <p>18. <input checked="" type="checkbox"/> Priority - 35 U.S.C. 119 <input checked="" type="checkbox"/> Priority of application Serial No. <u>60/445,182</u> filed on <u>February 5, 2003</u> in <u>U.S.</u> is claimed under 35 U.S.C. 119.</p>		
CORRESPONDENCE ADDRESS		SIGNATURE BLOCK
Direct all correspondence to: Patent Administrator Testa, Hurwitz & Thibeault, LLP High Street Tower 125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100 Customer No. 021323		<p>Respectfully submitted,  William R. Haulbrook, Ph.D. Attorney for Applicants Testa, Hurwitz & Thibeault, LLP High Street Tower 125 High Street Boston, MA 02110</p>

FEE TRANSMITTAL
FY 2004

Complete if Known	
Application Serial Number	Not yet assigned
Filing Date	Herewith
First Named Inventor	Yu
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket No.	MFL-003

METHOD OF PAYMENT

1. Payment Enclosed:
 Check Money Order Other

2. The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 20-0531.
 Required Fees (copy of this sheet enclosed).
 Additional fee required under 37 CFR 1.16 and 1.17.
 Overpayment Credit.
3. Applicant claims small entity status.

FEE CALCULATION**1. FILING FEE**

Large Entity		Fee (\$)		Fee Description	Fee Paid
770	Utility filing fee			\$ 770.00	
340	Design filing fee				
160	Provisional filing fee				\$ 130.00
		Number Filed	Number Extra	Rate	Amount
Total Claims	84	- 20 = <u>64</u>		x \$ 18.00 =	\$1,152.00
Independent Claims	5	- 3 = <u>2</u>		x \$ 86.00 =	\$172.00
<input type="checkbox"/> Multiple Dependent Claim(s), if any				\$290.00 =	
					TOTAL: \$2,094.00
					SMALL ENTITY DISCOUNT: \$1,047.00
					SUBTOTAL (1) (\$ 1,047.00)

2. AMENDMENT CLAIM FEES

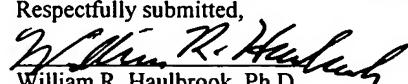
Claims Remaining After Amend.	Highest No. Previously Paid For	Present Extra	Rate	Fee Paid	SUBTOTAL (3) (\$ 130.00)
Total	- =		x \$ 18.00 =		SUBTOTAL (1) \$1,047.00
Indep.	- =		x \$ 86.00 =		SUBTOTAL (2) 0
<input type="checkbox"/> First Presentation of Multiple Dep. Claim			+ \$290.00 =		SUBTOTAL (3) 130.00
					TOTAL (\$ 1,177.00)

CORRESPONDENCE ADDRESS

Direct all correspondence to:

Patent Administrator
 Testa, Hurwitz & Thibeault, LLP
 High Street Tower-125 High Street
 Boston, MA 02110
 Tel. No.: (617) 248-7000
 Fax No.: (617) 248-7100

Date: February 4, 2004
 Reg. No.: 53,002
 Tel. No.: (617) 310-8427
 Fax No.: (617) 248-7100

Respectfully submitted,

 William R. Haulbrook, Ph.D.
 Attorney for the Applicants
 Testa, Hurwitz & Thibeault, LLP
 High Street Tower-125 High Street
 Boston, MA 02110

PATENT
Attorney Docket No.: MFL-003
(5407/9)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: *Yu et al.*
SERIAL NO.: Not yet assigned GROUP NO.: Not Yet Assigned
FILING DATE: Herewith EXAMINER: Not Yet Assigned
TITLE: APPARATUS AND METHODS FOR PERFORMING PROCESS
SIMULATION USING A HYBRID MODEL

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**PETITION FOR USE OF COLOR DRAWINGS AS FORMAL DRAWINGS
UNDER 37 C.F.R. § 1.84(a)(2)**

Applicants submit this petition to request acceptance of color drawings as formal drawings in the above-referenced U.S. patent application. As required under 37 C.F.R. § 1.84(a)(2), Applicants herein include:

- the fee set forth in § 1.17(h);
- three (3) sets of color drawings; and
- a black and white photocopy that accurately depicts, to the extent possible, the subject matter shown in the color drawings.

The paragraph required by § 1.84(a)(2)(iv) is already present in the Brief Description of the Drawings section of the Specification of the above-referenced U.S. patent application.

In accordance with § 1.84(a)(2) and § 1.17(h), this petition is accompanied by a check for the petition filing fee of \$130.00. However, should any other fees be required for this petition to be considered, the Commissioner is authorized to charge deposit account number 20-0531.

Applicants submit that all requirements of 37 C.F.R. § 1.84(a)(2) and § 1.17(h) are satisfied, and Applicants respectfully request that the color drawings be accepted as formal drawings in the above-referenced nonprovisional U.S. patent application.

Respectfully submitted,


William R. Haulbrook, Ph.D.
Attorney for Applicants
Testa, Hurwitz, & Thibeault, LLP
High Street Tower
125 High Street
Boston, Massachusetts 02110

Date: February 4, 2004
Reg. No.: 53,002

Tel. No.: (617) 310-8427
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